

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
 Data File : VV014488.D
 Acq On : 03 Feb 2020 16:52
 Operator : SY/MD
 Sample : L1326-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBCS9

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 12:28:03 PM

Quant Time: Feb 04 06:01:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 05:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	439515	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	410294	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	197334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121373	49.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.44%
7) Chloroethane-d5	1.58	69	89004	58.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.30%
11) 1,1-Dichloroethene-d2	2.13	63	146163	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
21) 2-Butanone-d5	3.92	46	227983	138.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.81%#
24) Chloroform-d	4.40	84	304997	59.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.08%
26) 1,2-Dichloroethane-d4	5.07	65	190766	61.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.60%
32) Benzene-d6	5.09	84	636168	58.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.78%
36) 1,2-Dichloropropane-d6	6.11	67	204285	59.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.54%
41) Toluene-d8	7.35	98	587474	58.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.82%
43) trans-1,3-Dichloropropene-	7.66	79	104939	60.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.80%
47) 2-Hexanone-d5	8.12	63	180799	135.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.20%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	266410	60.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	222581	61.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.48%#

Target Compounds

					Ovalue
5) Vinyl chloride	1.33	62	14539	4.716	ug/L 85
13) Acetone	2.18	43	26428	18.858	ug/L 97
14) Carbon disulfide	2.32	76	8621	1.050	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	17076	5.888	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	1697155	524.728	ug/L 99
22) 2-Butanone	4.02	43	9353m	4.632	ug/L
25) Chloroform	4.42	83	93996	17.635	ug/L 100
27) 1,2-Dichloroethane	5.18	62	7472	1.972	ug/L 99
34) Trichloroethene	5.96	95	56437	18.457	ug/L 96
45) 1,1,2-Trichloroethane	7.88	97	16393	5.735	ug/L 95
46) Tetrachloroethene	8.01	164	32484	14.526	ug/L 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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